Name of Work : Widening and Asphalting of Main Road from Sampigehalli to Agrahara Villagein Ward no. 05, Byatarayanapura Sub- Division

Detailed Measurements Measurement taken on: 10/2/17

Sl No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
	KSRDB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete upto specifications.							
	Excavation							
	Culvert - Ch : 313.00 m		1	10.00	0.80	1.00	8.00	
	Culvert - Ch : 753.00 m		1	10.00	0.80	1.00	8.00	
	Offset							
	Culvert - Ch : 313.00 m		2	5.00	2.50	1.00	25.00	
	Culvert - Ch : 753.00 m		2	5.00	2.50	1.00	25.00	
	Drain desilt							
	LHS		1	30.00	0.50	0.45	6.75	
			1	30.00	0.50	0.40	6.00	
			1	30.00	0.50	0.35	5.25	
			1	15.00	0.50	0.45	3.38	
	RHS		1	30.00	0.50	0.40	6.00	
			1	1.90	0.50	0.35	0.33	
			1	15.30	0.50	0.50	3.83	
			1	19.30	0.50	0.45	4.34	
			1	14.00	0.50	0.45	3.15	
			1	25.00	0.50	0.45	5.63	
			1	12.00	0.50	0.45	2.70	
	Berm cutting							
			1	15.00	2.20	0.30	9.90	
			1	24.00	2.10	0.40	20.16	
			1	18.40	1.80	0.25	8.28	
			1	22.90	2.70	0.35	21.64	
			1	30.00	2.00	0.30	18.00	
			1	30.00	2.20	0.25	16.50	
			1	25.00	1.90	0.35	16.63	
			1	19.50	1.75	0.30	10.24	
			1	14.80	2.20	0.30	9.77	
			1	30.00	2.05	0.40	24.60	
			1	22.70	2.00	0.35	15.89	
			1	21.60	1.90	0.40	16.42	
			1	26.70	1.85	0.30	14.82	
			1	21.40	1.65	0.35	12.36	
			1	17.30	2.45	0.30	12.72	
			1	24.90	2.10	0.30	15.69	
			1	21.00	2.00	0.35	14.70	
			1	14.20	1.90	0.30	8.09	
			1	10.90	2.00	0.30	6.54	
			1	15.80	1.65	0.35	9.12	
			1	14.30	2.20	0.35	11.01	

10/2/17

NEWZEN CONSULTANT BANGALORE

Description of Item	Side	No	Length	Breadth	Depth	Qty	Unit
		1	9.40	2.10	0.25	4.94	
		1	11.60	1.90	0.30	6.61	
					Total Qty	**417.96**	**Cum**

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of Work : Widening and Asphalting of Main Road from Sampigehalli to Agrahara Villagein Ward no. 05, Byatarayanapura Sub- Division

Detailed Measurements 11/2/17

Description of Item	Side	No	Length	Breadth	Depth	Qty	Unit
5.9.8(3) 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.895cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.							
Culvert - Ch : 313.00 m		1	10.00	0.80		0.15	1.20
		2	0.60	2.40		0.15	0.43
Culvert - Ch : 753.00 m		1	10.00	0.80		0.15	1.20
		2	0.60	2.40		0.15	0.43
					Present Qty	**3.26**	**Cum**

11/2/17

Priya Parshi
AE

NEWZEN CONSULTANTS BANGALORE

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Description of Item		No	Length	Breadth	Depth	Qty	Unit
to Ch: 300.00m		1	15.00	(8.80 + 9.35)/2	0.35	47.64	
to Ch: 315.00m		1	15.00	(9.35 + 9.10)/2	0.35	48.43	
to Ch: 330.00m		1	15.00	(9.10 + 10.00)/2	0.35	50.14	
to Ch: 345.00m		1	15.00	(10.00 + 10.00)/2	0.35	52.50	
to Ch: 360.00m		1	15.00	(10.00 + 10.10)/2	0.35	52.76	
to Ch: 375.00m		1	15.00	(10.10 + 9.70)/2	0.35	51.98	
to Ch: 390.00m		1	15.00	(9.70 + 9.85)/2	0.35	51.32	
to Ch: 405.00m		1	15.00	(9.85 + 9.20)/2	0.35	50.01	
to Ch: 420.00m		1	15.00	(9.20 + 9.25)/2	0.35	48.43	
to Ch: 435.00m		1	15.00	(9.25 + 9.25)/2	0.35	48.56	
to Ch: 450.00m		1	15.00	(9.25 + 9.25)/2	0.35	48.56	
to Ch: 465.00m		1	15.00	(9.25 + 8.80)/2	0.35	47.38	
to Ch: 480.00m		1	15.00	(8.80 + 8.90)/2	0.35	46.46	
to Ch: 495.00m		1	15.00	(8.90 + 9.20)/2	0.35	47.51	
to Ch: 510.00m		1	15.00	(9.20 + 9.70)/2	0.35	49.61	
to Ch: 525.00m		1	15.00	(9.70 + 10.10)/2	0.35	51.98	
to Ch: 540.00m		1	15.00	(10.10 + 10.05)/2	0.35	52.89	
to Ch: 555.00m		1	15.00	(10.05 + 9.50)/2	0.35	51.32	
to Ch: 570.00m		1	15.00	(9.50 + 9.90)/2	0.35	50.93	
to Ch: 585.00m		1	15.00	(9.90 + 9.85)/2	0.35	51.84	
to Ch: 600.00m		1	15.00	(9.85 + 12.50)/2	0.35	58.67	
to Ch: 615.00m		1	15.00	(12.50 + 9.85)/2	0.35	58.67	
to Ch: 630.00m		1	15.00	(9.85 + 9.90)/2	0.35	51.84	
to Ch: 645.00m		1	15.00	(9.90 + 9.55)/2	0.35	51.06	

Description of Item		No	Length	Breadth	Depth	Qty	Unit
Ch: 660.00m		1	15.00	(9.55 + 9.50)/2	0.35	50.01	
Ch: 675.00m		1	15.00	(9.50 + 9.05)/2	0.35	48.69	
Ch: 690.00m		1	15.00	(9.05 + 8.90)/2	0.35	47.12	
Ch: 705.00m		1	15.00	(8.90 + 8.90)/2	0.35	46.73	
Ch: 720.00m		1	15.00	(8.90 + 8.65)/2	0.35	46.07	
Ch: 735.00m		1	15.00	(8.65 + 8.75)/2	0.35	45.68	
Ch: 750.00m		1	15.00	(8.75 + 8.70)/2	0.35	45.81	
Ch: 758.30m		1	8.30	(8.70 + 30.00)/2	0.35	56.21	
Ch: 15.00m		1	15.00	(12.40 + 12.40)/2	0.40	74.40	
Ch: 30.00m	CRC	1	15.00	(12.40 + 11.25)/2	0.40	70.95	
Ch: 45.00m		1	15.00	(11.25 + 10.20)/2	0.40	64.35	
Ch: 60.00m		1	15.00	(10.20 + 9.90)/2	0.40	60.30	
Ch: 75.00m		1	15.00	(9.90 + 9.80)/2	0.40	59.10	
Ch: 85.00m		1	10.00	(9.80 + 10.15)/2	0.40	39.90	
					Present Qty	**2977.76**	**Cum**

Priya Parshi
AE

14/2/17

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Description of Item		No	Length	Breadth	Depth	Qty	Unit
Cir: 300.00m		1	15.00	(8.80 + 9.35)/2	0.20	27.23	
Cir: 315.00m		1	15.00	(9.35 + 9.10)/2	0.20	27.68	
Cir: 330.00m		1	15.00	(9.10 + 10.00)/2	0.20	28.65	
Cir: 345.00m		1	15.00	(10.00 + 10.00)/2	0.20	30.00	
Cir: 360.00m		1	15.00	(10.00 + 10.10)/2	0.20	30.15	
Cir: 375.00m		1	15.00	(10.10 + 9.70)/2	0.20	29.70	
Cir: 390.00m		1	15.00	(9.70 + 9.85)/2	0.20	29.33	
Cir: 405.00m		1	15.00	(9.85 + 9.20)/2	0.20	28.58	
Cir: 420.00m		1	15.00	(9.20 + 9.25)/2	0.20	27.68	
Cir: 435.00m		1	15.00	(9.25 + 9.25)/2	0.20	27.75	
Cir: 450.00m		1	15.00	(9.25 + 9.25)/2	0.20	27.75	
Cir: 465.00m		1	15.00	(9.25 + 8.80)/2	0.20	27.08	
Cir: 480.00m		1	15.00	(8.80 + 8.90)/2	0.20	26.55	
Cir: 495.00m		1	15.00	(8.90 + 9.20)/2	0.20	27.15	
Cir: 510.00m		1	15.00	(9.20 + 9.70)/2	0.20	28.35	
Cir: 525.00m		1	15.00	(9.70 + 10.10)/2	0.20	29.70	
Cir: 540.00m		1	15.00	(10.10 + 10.05)/2	0.20	30.23	
Cir: 555.00m		1	15.00	(10.05 + 9.50)/2	0.20	29.33	
Cir: 570.00m		1	15.00	(9.50 + 9.90)/2	0.20	29.10	
Cir: 585.00m		1	15.00	(9.90 + 9.85)/2	0.20	29.63	
Cir: 600.00m		1	15.00	(9.85 + 12.50)/2	0.20	33.53	
Cir: 615.00m		1	15.00	(12.50 + 9.85)/2	0.20	33.53	
Cir: 630.00m		1	15.00	(9.85 + 9.90)/2	0.20	29.63	
Cir: 645.00m		1	15.00	(9.90 + 9.55)/2	0.20	29.18	

15/2/17

Description of Item		No	Length	Breadth	Depth	Qty	Unit
Ch: 660.00m		1	15.00	(9.55 + 9.50)/2	0.25	35.72	
Ch: 675.00m		1	15.00	(9.50 + 9.05)/2	0.25	34.78	
Ch: 690.00m		1	15.00	(9.05 + 8.90)/2	0.25	33.66	
Ch: 705.00m		1	15.00	(8.90 + 8.90)/2	0.25	33.38	
Ch: 720.00m		1	15.00	(8.90 + 8.65)/2	0.25	32.91	
Ch: 735.00m		1	15.00	(8.65 + 8.75)/2	0.25	32.63	
Ch: 750.00m		1	15.00	(8.75 + 8.70)/2	0.25	32.72	
Ch: 758.30m		1	8.30	(8.70 + 30.00)/2	0.25	40.15	
Ch: 15.00m		1	15.00	(12.40 + 12.40)/2	0.25	46.50	
Ch: 30.00m		1	15.00	(12.40 + 11.25)/2	0.25	44.34	
Ch: 45.00m		1	15.00	(11.25 + 10.20)/2	0.25	40.22	
Ch: 60.00m		1	15.00	(10.20 + 9.90)/2	0.25	37.69	
Ch: 75.00m		1	15.00	(9.90 + 9.80)/2	0.25	36.94	
Ch: 85.00m		1	10.00	(9.80 + 10.15)/2	0.25	24.94	
					Present Qty	**2094.03**	**Cum**

CEFC 19/2/17

Pooja Kashi AE

19/2/17

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Description of Item		No	Length	Breadth	Depth	Qty	Unit
[illegible]		1	15.00	(8.80 + 9.35) / 2		136.13	
[illegible]		1	15.00	(9.35 + 9.10) / 2		138.38	
[illegible]		1	15.00	(9.10 + 10.00) / 2		143.25	
[illegible]		1	15.00	(10.00 + 10.00) / 2		150.00	
[illegible]		1	15.00	(10.00 + 10.10) / 2		150.75	
[illegible]		1	15.00	(10.10 + 9.70) / 2		148.50	
[illegible]		1	15.00	(9.70 + 9.85) / 2		146.63	
[illegible]		1	15.00	(9.85 + 9.20) / 2		142.88	
[illegible]		1	15.00	(9.20 + 9.25) / 2		138.38	
[illegible]		1	15.00	(9.25 + 9.25) / 2		138.75	
[illegible]		1	15.00	(9.25 + 9.25) / 2		138.75	
[illegible]		1	15.00	(9.25 + 8.80) / 2		135.38	
[illegible]		1	15.00	(8.80 + 8.90) / 2		132.75	
[illegible]		1	15.00	(8.90 + 9.20) / 2		135.75	
[illegible]		1	15.00	(9.20 + 9.70) / 2		141.75	
[illegible]		1	15.00	(9.70 + 10.10) / 2		148.50	
[illegible]		1	15.00	(10.10 + 10.05) / 2		151.13	
[illegible]		1	15.00	(10.05 + 9.50) / 2		146.63	
[illegible]		1	15.00	(9.50 + 9.90) / 2		145.50	
[illegible]		1	15.00	(9.90 + 9.85) / 2		148.13	
[illegible]		1	15.00	(9.85 + 12.50) / 2		167.63	
[illegible]		1	15.00	(12.50 + 9.85) / 2		167.63	
[illegible]		1	15.00	(9.85 + 9.90) / 2		148.13	
[illegible]		1	15.00	(9.90 + 9.55) / 2		145.88	

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	Ch:645.00m to Ch: 660.00m		1	15.00	(9.55 + 9.50)/2		142.88	
	Ch:660.00m to Ch: 675.00m		1	15.00	(9.50 + 9.05)/2		139.13	
	Ch:675.00m to Ch: 690.00m		1	15.00	(9.05 + 8.90)/2		134.63	
	Ch:690.00m to Ch: 705.00m		1	15.00	(8.90 + 8.90)/2		133.50	
	Ch:705.00m to Ch: 720.00m		1	15.00	(8.90 + 8.65)/2		131.63	
	Ch:720.00m to Ch: 735.00m		1	15.00	(8.65 + 8.75)/2		130.50	
	Ch:735.00m to Ch: 750.00m		1	15.00	(8.75 + 8.70)/2		130.88	
	Ch:750.00m to Ch: 758.30m		1	8.30	(8.70 + 30.00)/2		160.61	
	Road - B							
	Ch:0.00m to Ch: 15.00m		1	15.00	(12.40 + 12.40)/2		186.00	
	Ch:15.00m to Ch: 30.00m		1	15.00	(12.40 + 11.25)/2		177.38	
	Ch:30.00m to Ch: 45.00m		1	15.00	(11.25 + 10.20)/2		160.88	
	Ch:45.00m to Ch: 60.00m		1	15.00	(10.20 + 9.90)/2		150.75	
	Ch:60.00m to Ch: 75.00m		1	15.00	(9.90 + 9.80)/2		147.75	
	Ch:75.00m to Ch: 85.00m		1	10.00	(9.80 + 10.15)/2		99.75	
						Present Qty	**8376.11**	**Sqm**

NEWZEN CONSULTANTS BANGALORE

Priya Parshi
AE

20/2/1

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Item No	Description of Item		No	Length	Breadth	Depth	Qty	Unit
	Ch:375.00m to Ch: 390.00m		1	15.00	(9.70 + 9.85)/2		146.63	
	Ch:390.00m to Ch: 405.00m		1	15.00	(9.85 + 9.20)/2		142.88	
	Ch:405.00m to Ch: 420.00m		1	15.00	(9.20 + 9.25)/2		138.38	
	Ch:420.00m to Ch: 435.00m		1	15.00	(9.25 + 9.25)/2		138.75	
	Ch:435.00m to Ch: 450.00m		1	15.00	(9.25 + 9.25)/2		138.75	
	Ch:450.00m to Ch: 465.00m		1	15.00	(9.25 + 8.80)/2		135.38	
	Ch:465.00m to Ch: 480.00m		1	15.00	(8.80 + 8.90)/2		132.75	
	Ch:480.00m to Ch: 495.00m		1	15.00	(8.90 + 9.20)/2		135.75	
	Ch:495.00m to Ch: 510.00m		1	15.00	(9.20 + 9.70)/2		141.75	
	Ch:510.00m to Ch: 525.00m		1	15.00	(9.70 + 10.10)/2		148.50	
	Ch:525.00m to Ch: 540.00m		1	15.00	(10.10 + 10.05)/2		151.13	
	Ch:540.00m to Ch: 555.00m		1	15.00	(10.05 + 9.50)/2		146.63	
	Ch:555.00m to Ch: 570.00m		1	15.00	(9.50 + 9.90)/2		145.50	
	Ch:570.00m to Ch: 585.00m		1	15.00	(9.90 + 9.85)/2		148.13	
	Ch:585.00m to Ch: 600.00m	CEFC	1	15.00	(9.85 + 12.50)/2		167.63	
	Ch:600.00m to Ch: 615.00m		1	15.00	(12.50 + 9.85)/2		167.63	
	Ch:615.00m to Ch: 630.00m		1	15.00	(9.85 + 9.90)/2		148.13	
	Ch:630.00m to Ch: 645.00m		1	15.00	(9.90 + 9.55)/2		145.88	
	Ch:645.00m to Ch: 660.00m		1	15.00	(9.55 + 9.50)/2		142.88	
	Ch:660.00m to Ch: 675.00m		1	15.00	(9.50 + 9.05)/2		139.13	
	Ch:675.00m to Ch: 690.00m		1	15.00	(9.05 + 8.90)/2		134.63	
	Ch:690.00m to Ch: 705.00m		1	15.00	(8.90 + 8.90)/2		133.50	
	Ch:705.00m to Ch: 720.00m		1	15.00	(8.90 + 8.65)/2		131.63	
	Ch:720.00m to Ch: 735.00m		1	15.00	(8.65 + 8.75)/2		130.50	

NEWZEN CONSULTANT

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	Ch:270.00m to Ch: 285.00m		1	15.00	(9.00 + 8.80)/2	0.05	6.68	
	Ch:285.00m to Ch: 300.00m		1	15.00	(8.80 + 9.35)/2	0.05	6.81	
	Ch:300.00m to Ch: 315.00m		1	15.00	(9.35 + 9.10)/2	0.05	6.92	
	Ch:315.00m to Ch: 330.00m		1	15.00	(9.10 + 10.00)/2	0.05	7.16	
	Ch:330.00m to Ch: 345.00m		1	15.00	(10.00 + 10.00)/2	0.05	7.50	
	Ch:345.00m to Ch: 360.00m		1	15.00	(10.00 + 10.10)/2	0.05	7.54	
	Ch:360.00m to Ch: 375.00m		1	15.00	(10.10 + 9.70)/2	0.05	7.43	
	Ch:375.00m to Ch: 390.00m		1	15.00	(9.70 + 9.85)/2	0.05	7.33	
	Ch:390.00m to Ch: 405.00m		1	15.00	(9.85 + 9.20)/2	0.05	7.14	
	Ch:405.00m to Ch: 420.00m		1	15.00	(9.20 + 9.25)/2	0.05	6.92	
	Ch:420.00m to Ch: 435.00m		1	15.00	(9.25 + 9.25)/2	0.05	6.94	
	Ch:435.00m to Ch: 450.00m		1	15.00	(9.25 + 9.25)/2	0.05	6.94	
	Ch:450.00m to Ch: 465.00m		1	15.00	(9.25 + 8.80)/2	0.05	6.77	
	Ch:465.00m to Ch: 480.00m		1	15.00	(8.80 + 8.90)/2	0.05	6.64	
	Ch:480.00m to Ch: 495.00m		1	15.00	(8.90 + 9.20)/2	0.05	6.79	
	Ch:495.00m to Ch: 510.00m		1	15.00	(9.20 + 9.70)/2	0.05	7.09	
	Ch:510.00m to Ch: 525.00m		1	15.00	(9.70 + 10.10)/2	0.05	7.43	
	Ch:525.00m to Ch: 540.00m		1	15.00	(10.10 + 10.05)/2	0.05	7.56	
	Ch:540.00m to Ch: 555.00m		1	15.00	(10.05 + 9.50)/2	0.05	7.33	
	Ch:555.00m to Ch: 570.00m		1	15.00	(9.50 + 9.90)/2	0.05	7.28	
	Ch:570.00m to Ch: 585.00m		1	15.00	(9.90 + 9.85)/2	0.05	7.41	
	Ch:585.00m to Ch: 600.00m		1	15.00	(9.85 + 12.50)/2	0.05	8.38	
	Ch:600.00m to Ch: 615.00m		1	15.00	(12.50 + 9.85)/2	0.05	8.38	
	Ch:615.00m to Ch: 630.00m		1	15.00	(9.85 + 9.90)/2	0.05	7.41	

M/s WELCON CONSULTANTS BANGALORE

Name of Work : Widening and Asphalting of Main Road from Sampigehalli to Agrahara Villagein Ward no. 05, Byatarayanapura Sub- Division

Detailed Measurements 24/2/2017

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
13	KSRRB M500-19. Providing and laying bituminous concrete 40mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 6% of mix and filler, transporting the hot mix to work site, laying with a paver finisher with to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 509 complete in all respects as per specifications.							
	Road - A **Ch:0.00m to Ch: 15.00m**		1	15.00	(8.90 + 9.90)/2	0.04	5.64	
	Ch:15.00m to Ch: 30.00m		1	15.00	(9.90 + 9.80)/2	0.04	5.91	
	Ch:30.00m to Ch: 45.00m		1	15.00	(9.80 + 10.20)/2	0.04	6.00	
	Ch:45.00m to Ch: 60.00m		1	15.00	(10.20 + 10.55)/2	0.04	6.23	
	Ch:60.00m to Ch: 75.00m		1	15.00	(10.55 + 10.90)/2	0.04	6.44	
	Ch:75.00m to Ch: 90.00m		1	15.00	(10.90 + 10.65)/2	0.04	6.47	
	Ch:90.00m to Ch: 105.00m		1	15.00	(10.65 + 10.70)/2	0.04	6.41	
	Ch:105.00m to Ch: 120.00m		1	15.00	(10.70 + 11.10)/2	0.04	6.54	
	Ch:120.00m to Ch: 135.00m		1	15.00	(11.10 + 10.60)/2	0.04	6.51	
	Ch:135.00m to Ch: 150.00m		1	15.00	(10.60 + 10.60)/2	0.04	6.36	
	Ch:150.00m to Ch: 165.00m	10/3	1	15.00	(10.60 + 10.85)/2	0.04	6.44	
	Ch:165.00m to Ch: 180.00m		1	15.00	(10.85 + 10.40)/2	0.04	6.38	
	Ch:180.00m to Ch: 195.00m		1	15.00	(10.40 + 9.80)/2	0.04	6.06	
	Ch:195.00m to Ch: 210.00m		1	15.00	(9.80 + 9.70)/2	0.04	5.85	
	Ch:210.00m to Ch: 225.00m		1	15.00	(9.70 + 9.05)/2	0.04	5.63	
	Ch:225.00m to Ch: 240.00m		1	15.00	(9.05 + 9.00)/2	0.04	5.42	
	Ch:240.00m to Ch: 255.00m		1	15.00	(9.00 + 9.20)/2	0.04	5.46	
	Ch:255.00m to Ch: 270.00m		1	15.00	(9.20 + 9.00)/2	0.04	5.46	

NEWZEN CONSULTANTS BANGALORE

Description of Item	No	Length	Breadth	Depth	Qty	Unit
Ch:270.00m to Ch: 285.00m	1	15.00	8.80 + 9.35 / 2	0.04	5.34	
Ch:285.00m to Ch: 300.00m	1	15.00	8.80 + 9.35 / 2	0.04	5.45	
Ch:300.00m to Ch: 315.00m	1	15.00	9.35 + 9.10 / 2	0.04	5.54	
Ch:315.00m to Ch: 330.00m	1	15.00	9.10 + 10.00 / 2	0.04	5.73	
Ch:330.00m to Ch: 345.00m	1	15.00	10.00 + 10.00 / 2	0.04	6.00	
Ch:345.00m to Ch: 360.00m	1	15.00	10.00 + 10.10 / 2	0.04	6.03	
Ch:360.00m to Ch: 375.00m	1	15.00	10.10 + 9.70 / 2	0.04	5.94	
Ch:375.00m to Ch: 390.00m	1	15.00	9.70 + 9.85 / 2	0.04	5.87	
Ch:390.00m to Ch: 405.00m	1	15.00	9.85 + 9.20 / 2	0.04	5.72	
Ch:405.00m to Ch: 420.00m	1	15.00	9.20 + 9.25 / 2	0.04	5.54	
Ch:420.00m to Ch: 435.00m	1	15.00	9.25 + 9.25 / 2	0.04	5.55	
Ch:435.00m to Ch: 450.00m	1	15.00	9.25 + 9.25 / 2	0.04	5.55	
Ch:450.00m to Ch: 465.00m	1	15.00	9.25 + 8.80 / 2	0.04	5.42	
Ch:465.00m to Ch: 480.00m	1	15.00	8.80 + 8.90 / 2	0.04	5.31	
Ch:480.00m to Ch: 495.00m	1	15.00	8.90 + 9.20 / 2	0.04	5.43	
Ch:495.00m to Ch: 510.00m	1	15.00	9.20 + 9.70 / 2	0.04	5.67	
Ch:510.00m to Ch: 525.00m	1	15.00	9.70 + 10.10 / 2	0.04	5.94	
Ch:525.00m to Ch: 540.00m	1	15.00	10.10 + 10.05 / 2	0.04	6.05	
Ch:540.00m to Ch: 555.00m	1	15.00	10.05 + 9.50 / 2	0.04	5.87	
Ch:555.00m to Ch: 570.00m	1	15.00	9.50 + 9.90 / 2	0.04	5.82	
Ch:570.00m to Ch: 585.00m	1	15.00	9.90 + 9.85 / 2	0.04	5.93	
Ch:585.00m to Ch: 600.00m	1	15.00	9.85 + 12.50 / 2	0.04	6.71	
Ch:600.00m to Ch: 615.00m	1	15.00	12.50 + 9.85 / 2	0.04	6.71	
Ch:615.00m to Ch: 630.00m	1	15.00	9.85 + 9.90 / 2	0.04	5.93	

10/3

NEWZEN CONSULTANT * BANGALORE *

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	Ch:630.00m to Ch: 645.00m		1	15.00	(9.90 + 9.55)/2	0.04	5.84	
	Ch:645.00m to Ch: 660.00m		1	15.00	(9.55 + 9.50)/2	0.04	5.72	
	Ch:660.00m to Ch: 675.00m		1	15.00	(9.50 + 9.05)/2	0.04	5.57	
	Ch:675.00m to Ch: 690.00m		1	15.00	(9.05 + 8.90)/2	0.04	5.39	
	Ch:690.00m to Ch: 705.00m		1	15.00	(8.90 + 8.90)/2	0.04	5.34	
	Ch:705.00m to Ch: 720.00m		1	15.00	(8.90 + 8.65)/2	0.04	5.27	
	Ch:720.00m to Ch: 735.00m		1	15.00	(8.65 + 8.75)/2	0.04	5.22	
	Ch:735.00m to Ch: 750.00m		1	15.00	(8.75 + 8.70)/2	0.04	5.24	
	Ch:750.00m to Ch: 758.30m		1	8.30	(8.70 + 30.00)/2	0.04	6.42	
	Road - B							
	Ch:0.00m to Ch: 15.00m		1	15.00	(12.40 + 12.40)/2	0.04	7.44	
	Ch:15.00m to Ch: 30.00m		1	15.00	(12.40 + 11.25)/2	0.04	7.10	
	Ch:30.00m to Ch: 45.00m		1	15.00	(11.25 + 10.20)/2	0.04	6.44	
	Ch:45.00m to Ch: 60.00m		1	15.00	(10.20 + 9.90)/2	0.04	6.03	
	Ch:60.00m to Ch: 75.00m		1	15.00	(9.90 + 9.80)/2	0.04	5.91	
	Ch:75.00m to Ch: 85.00m		1	10.00	(9.80 + 10.15)/2	0.04	3.99	
	Road - C							
	Ch:0.00m to Ch: 15.00m		1	15.00	(7.50 + 7.20)/2	0.04	4.41	
	Ch:15.00m to Ch: 30.00m		1	15.00	(7.20 + 7.20)/2	0.04	4.32	
	Ch:30.00m to Ch: 45.00m		1	15.00	(7.20 + 7.00)/2	0.04	4.26	
	Ch:45.00m to Ch: 60.00m		1	15.00	(7.00 + 6.40)/2	0.04	4.02	
	Ch:60.00m to Ch: 75.00m		1	15.00	(6.40 + 6.00)/2	0.04	3.72	
	Ch:75.00m to Ch: 90.00m		1	15.00	(6.00 + 5.60)/2	0.04	3.48	
	Ch:90.00m to Ch: 100.00m		1	10.00	(5.60 + 5.20)/2	0.04	2.16	
						Present Qty	**361.41**	**Cum**

checked. 10/3

CAPC

AE

24/2/17

Asst. Executive Engineer

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	Ch:120.00m to Ch: 135.00m		0.5	15.00	0.15		1.13	
	Ch:135.00m to Ch: 150.00m		0.5	15.00	0.15		1.13	
	Ch:150.00m to Ch: 165.00m		0.5	15.00	0.15		1.13	
	Ch:165.00m to Ch: 180.00m		0.5	15.00	0.15		1.13	
	Ch:180.00m to Ch: 195.00m		0.5	15.00	0.15		1.13	
	Ch:195.00m to Ch: 210.00m		0.5	15.00	0.15		1.13	
	Ch:210.00m to Ch: 225.00m		0.5	15.00	0.15		1.13	
	Ch:225.00m to Ch: 240.00m		0.5	15.00	0.15		1.13	
	Ch:240.00m to Ch: 255.00m		0.5	15.00	0.15		1.13	
	Ch:255.00m to Ch: 270.00m		0.5	15.00	0.15		1.13	
	Ch:270.00m to Ch: 285.00m		0.5	15.00	0.15		1.13	
	Ch:285.00m to Ch: 300.00m		0.5	15.00	0.15		1.13	
	Ch:300.00m to Ch: 315.00m		0.5	15.00	0.15		1.13	
	Ch:315.00m to Ch: 330.00m		0.5	15.00	0.15		1.13	
	Ch:330.00m to Ch: 345.00m		0.5	15.00	0.15		1.13	
	Ch:345.00m to Ch: 360.00m		0.5	15.00	0.15		1.13	
	Ch:360.00m to Ch: 375.00m		0.5	15.00	0.15		1.13	
	Ch:375.00m to Ch: 390.00m		0.5	15.00	0.15		1.13	
	Ch:390.00m to Ch: 405.00m		0.5	15.00	0.15		1.13	
	Ch:405.00m to Ch: 420.00m		0.5	15.00	0.15		1.13	
	Ch:420.00m to Ch: 435.00m		0.5	15.00	0.15		1.13	
	Ch:435.00m to Ch: 450.00m		0.5	15.00	0.15		1.13	
	Ch:450.00m to Ch: 465.00m		0.5	15.00	0.15		1.13	
	Ch:465.00m to Ch: 480.00m		0.5	15.00	0.15		1.13	

CSFC

27/9/19

NEELEN CONSULTANT BANGALORE